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AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM

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August 17, 2006

TO:

FROM: Douglas P. Mueller

Examiner: KUGEL
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

OUR REF: 10873.1429US01

TELEPHONE: (612) 455.3800

Total pages, including cover letter:

3

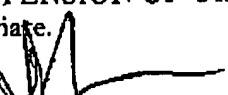
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Title of Document: **RESPONSE TO RESTRICTION REQUIREMENT**

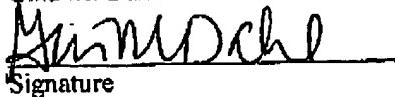
Applicant: HIRAYAMA ET AL.
Serial No.: 10/823003
App. Filed: April 12, 2004
Group Art No.: 1712
Conf. No.: 4702

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Gina M. Dahl



Signature

August 17, 2006
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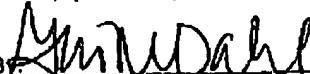
AUG 17 2006

S/N 10/823,003

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	HIRAYAMA ET AL.	Examiner:	KUGEL
Serial No.:	10/823,003	Group Art Unit:	1712
Filed:	April 12, 2004	Docket No.:	10873.1429US01
Title:	MEMBER FOR A CIRCUIT BOARD, METHOD OF MANUFACTURING THE SAME, AND METHODS OF MANUFACTURING CIRCUIT BOARDS		

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on August 17, 2006.


By:
Name: Gina M. Dahl

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Applicants elect Group I (claims 1 to 16) in response to the Restriction Requirement of August 2, 2006. Applicants traverse the requirement to the extent of requesting that claims in Group II that correspond to allowable Group I claims be reinstated for allowance. Applicants further elect aluminum hydroxide and polyethylene terephthalate for the heat absorbing material and the mold release film resin in response to the species election. Of the elected claims, claims 1-16 read upon the elected species. An early and favorable action on the merits is requested.

S/N 10/823,003

PATENT

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No. 50-3478.

Respectfully submitted,

Hamre, Schumann,
Mueller & Larson, P.C.
P.O. Box 2902-0902
Minneapolis, MN 55402
Phone: 612-455-3800

Date: August 17, 2006

By _____
Name: Douglas P. Mueller
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